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DERWENT-ACC-NO: 2001-374585  
DERWENT-WEEK: 200301  
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TITLE: Managing network assets through asset tracking in e-Commerce-based supply chain framework

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PRIORITY-DATA: 1999US-0447623 (November 22, 1999), 1999US-0444653 (November 22, 1999)

PATENT-FAMILY:

| PUB-NO                     | PUB-DATE          | LANGUAGE | PAGES | MAIN-IPC   |
|----------------------------|-------------------|----------|-------|------------|
| EP 1257945 A2              | November 20, 2002 | E        | 000   | G06F017/60 |
| <del>WO 200139086 A2</del> | May 31, 2001      | E        | 618   | G06F017/60 |
| <del>AU 200119287 A</del>  | June 4, 2001      |          | 000   | G06F017/60 |

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

APPLICATION-DATA:

| PUB-NO         | APPL-DATE         | APPL-NO        | DESCRIPTOR |
|----------------|-------------------|----------------|------------|
| EP 1257945A2   | November 22, 2000 | 2000EP-0982230 |            |
| EP 1257945A2   | November 22, 2000 | 2000WO-US32310 |            |
| EP 1257945A2   |                   | WO 200139086   | Based on   |
| WO 200139086A2 | November 22, 2000 | 2000WO-US32310 |            |
| AU 200119287A  | November 22, 2000 | 2001AU-0019287 |            |
| AU 200119287A  |                   | WO 200139086   | Based on   |

INT-CL (IPC): G06 F 17/60

ABSTRACTED-PUB-NO: WO 200139086A

BASIC-ABSTRACT:

NOVELTY - Method includes caching content of a network (135), applying proxy services, and managing resources on the network. Network objects on the network are managed by load balancing, which includes spreading tasks among servers and re-routing data around problems. Bandwidth and speed of the network are controlled to enable remote access services on the network, and integrated fire wall services are provided based on a security rule. Assets of the network can be tracked by

repeating the various operations.

DETAILED DESCRIPTION - Network content caching includes accessing cached content without accessing the original content source. Access permission is controlled to provide application proxy services on the network. A preferred embodiment of the present invention is written using JAVA, C, and the C++ language and utilizes object oriented programming methodology. AN INDEPENDENT CLAIM is made for:

- (a) an apparatus for managing network assets through asset tracking in an e-Commerce-base supply chain framework,
- (b) a computer program embodied on a computer-readable medium that manages network assets through asset tracking in an e-Commerce,
- (c) a method for technology sharing during asset management in a network based supply chain,
- (d) a system for technology sharing during asset management in a network-based supply chain, a computer program embodied on a computer-readable medium for technology sharing during asset management in a network-based supply chain,
- (e) a computer program embodied on a computer-readable medium that provides a combination of content management-related web application services, associated with the invention.

USE - For controlling network and managing resources for managing network assets through asset tracking in an e-Commerce-based supply chain framework.

ADVANTAGE - Invention provides facility to communicate quickly, easily and efficiently for successful business operations. Present invention can be implemented other platforms and operating systems, such as Microsoft Windows NT or Windows /95 operating system (OS), the IBM OS/2 operating system, the MAC OS, or UNIX operating system.

DESCRIPTION OF DRAWING(S) - Drawing shows a schematic diagram of hardware implementation of one embodiment of the invention.

Communication network 135

CHOSEN-DRAWING: Dwg.1/143

TITLE-TERMS: MANAGE NETWORK THROUGH TRACK BASED SUPPLY CHAIN FRAMEWORK

DERWENT-CLASS: T01

EPI-CODES: T01-J05A;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2001-274081